

REMARKS

Applicant has amended the specification, drawings, and claims to overcome the objections and rejections cited by the Examiner. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are attached.

The present invention comprises heat radiating plates that have at least three unique features. First, unlike the prior art, Applicant's plates 36 comprise more than one plate, each of which is located on opposite axial sides of the coil 33. As a result, the coil 33 is axially located *completely* between the plates 36. See Applicant's Figure 3. Second, the plates *only* cover the radially innermost portion 33A of the coil in the radial direction. Figure 3(a). Third, as best shown in Figure 2, the plates 36 extend in an angular direction (circularly left and right about the pivot axis) beyond the angular side walls 33B, 33C of the coil.

In contrast, the cited primary reference, *Adams*, only discloses one plate 170 (Figures 3 and 4) that is mounted between outer and inner coils 182, 184. Moreover, plate 170 only covers a small part the back and sides of inner coil 182, and part of the back of outer coil 184. Finally, plate 170 has a smaller angular dimension than coil 168.

The second reference, *Ycas*, discloses a magnet mount portion 36 and a flux conducting extension 38 that form part of the same single structure 32. *Ycas* is silent as to the ability of these elements to dissipate heat. However, as shown in Figure 4, it is clear that elements 36, 38 are quite small compared to coil 44 and thus would have very limited and inefficient capacity to dissipate heat from coil 44. Furthermore, the coil 44 is not axially located between either element 36 or 38 (Figure 3), and the structure 32 radially covers all of coil 44. In addition, *Ycas*' Figure 1 clearly demonstrates that structure 32 has an angular width that is much smaller than that of coil 44.

The third reference, *Ratliff*, is cited only for the proposition that a plate 200 can have fins 220 that act as a heat sink. However, none of the at least three unique features of Applicant's invention are shown or described in *Ratliff*.

Accordingly, Applicant has rewritten the claims to more clearly claim the present invention and to further distinguish the prior art. For example, Claim 1 now requires "a plurality of plates," and that, "the upper and lower axial surfaces of the coil are located axially between the plurality of plates." *Adams* only has one plate 170 (Figure 4) on top of an inner coil 182. *Ycas'* elements 36, 38 (Figure 3) are located above, in front, and behind coil 44, but not below it. Since Claim 1 requires the coil to be between the plates, Claim 1 is not anticipated by these references and is now in condition for allowance.

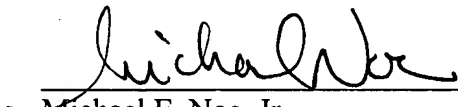
Claims 2, 3, 6, and 7 are allowable for the same reasons as Claim 1 and for their own unique elements. Claim 2 redefines the plates as "heat-radiating plates" (which, as described above, disqualifies *Ycas*). Claim 2 also requires the coil to have "side edges extending in an angular direction, and the plurality of plates have an angular width that extends beyond the side edges in the angular direction." This feature is shown in Applicant's Figure 2 and is not found in any of the cited references. Claim 3 states that the coil has radially inner and outer portions, sides that extend radially between the radially outer and inner portions, and "the plurality of plates radially cover only the radially inner portion of the coil." In contrast, *Adams'* plate 170 clearly covers side portions of its coil 182, *Ycas'* element 32 covers the top and sides of its coil 44, and *Ratliff* does not cover any portion of its coil 126.

Independent Claim 8 requires the same "angular width" requirement as Claim 2, and is also limited to "a heat-radiating member" which, again disqualifies *Ycas*. Likewise, Claims 9-14 essentially track the language and elements of the preceding claims, while independent Claim 14

combines all of these features. For the reasons described above, each of these claims is allowable over the prior art.

It is respectfully submitted that the present application is in condition for allowance and favorable action is requested. No fee for an extension of time or other fees are believed to be required. However, in the event that one or more fees are required, please charge them to **Hitachi Global Storage Technologies' Deposit Account Number 50-2587.**

Respectfully submitted,



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IN THE DRAWINGS:

Replacement Sheets for Figures 4 and 5 are attached and include the English translation label as requested.